

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 500.35527CX2	SERIAL NO. Not yet assigned
	APPLICANT T. SHIBA, et al	
	FILING DATE December 9, 2003	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/SL/	5 1 4 4 6 3 9	9/92	Uchida et al	375	208	
/SL/	4 0 9 5 2 2 5	6/78	Erik mats	342	195	
/SL/	5 3 7 5 1 4 1	12/94	Takahashi	375	208	
/SL/	5 3 8 1 4 4 4	1/95	Tajima	375	200	
/SL/	5 4 8 8 6 2 9	1/96	Takahashi et al	375	206	
/SL/	5 4 9 9 2 6 5	3/96	Dixon et al	375	200	
/SL/	5 5 3 0 6 9 7	6/96	Watanabe	370	342	
/SL/	5 6 4 6 9 6 4	7/97	Ushirokawa et al	375	346	
/SL/	5 2 1 8 6 2 0	6/93	Mori et al	375	142	
/SL/	5 5 7 6 5 9 0	11/96	Ohnishi et al	310	359	
/SL/	5 2 9 4 8 5 8	3/94	Nakahata et al	310	313A	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUBCLAS S	ABSTRAC T	
						Y	NO
/SL/	3 1 7 4 8 3 5	7/91	Japan			x	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/SL/	S. Minagawa, et al, "Sezawa Wave Correlator Using Monolithic ZnO/SiO ₂ /Si Structure" Proceedings of IEEE 1984 Ultrasonics Symposium, pp. 298-302, Dallas, TX.
/SL/	Niitsuma, et al, "Development of Zero-Bias and Surface Mounting ZnO/Si/ SAW Convolvers" Technical Report of IEICE, SST93-44.
/SL/	J. Gau, et al, "SAW Barker Code Correlator with Improved Sidelobes, IEEE 1985 Ultrasonics Symposium, pp. 145-145.

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DATE CONSIDERED 05/09/2007

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered.
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/SL/	6 1 3 4 2 6 4	10/00	Shiba et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/SL/	T. Shiba, "Low Insertion Loss Surface Acoustic Wave Matched Filter with Low Sidelobe Sequence and Its Application for Spread Spectrum Communication" JPN, J. Appl. Phys. Vol. 35, Part 1, No. 5B, (May 1996), pp. 3024-3027.
/SL/	T. Shiba, "Low Loss Saw Matched Filters with Low Sidelobe Sequences and Spread Spectrum Application", Multimedia Systems R&D Division, Research Institute of Electrical Communication, ISSSTA, 1996.

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
						YES NO
/SL/	0 5 2 5 2 1 4 1	9/93	Japan			XX
/SL/	5 9 1 0 4 8 4 1	6/84	Japan			XX
/SL/	0 5 1 4 5 5 2 0	6/93	Japan			XX
/SL/	5 7 1 9 9 3 5 5	12/82	Japan			XX

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/SL/	S. Wadaka, et al, "Zero Range Side Lobe Pulse Compression Ultrasonic Inspection Method", MITSUBISHI, Mitsubishi Denko Giho 12, Special Edition "Electric Instrumentation" "Predicative Maintenance of Transforming Equipment", vol. 66, No. 12, 1992, Eng. Trans. pp. 1-24.

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